

## 测试报告

No. SHAEC2100587606

日期: 2021年01月18日 第1页,共15页

苏州奥美材料科技有限公司  
中国苏州高新区华山路158-30号

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型号: G11  
客户参考信息: G11,LSC11, G11B, SB11, SG11, FG11, G11-R, G11-BU, G11W, FG(a), LSC(a), EHF(a),OMR(a)-UV, C71-A, C71-B, C71-C, ST(a), OM(a)-UV,G(a)W,G11B, IMD11, LCD11, LCD41, LCD61, LCD11B, T11, UV11, SR11, LC11, LC21, LC32, LC42, LC21B, LC11B, LC32B, LC21W, LC32W, LC42B,LC42W,G42, G42W,G51, G42F, G21F, G32, G32F, G52, G21, G41, G41F, G21B, G42B, G61, G71, IMD42, IMD41, LD21, LD21W, LD32, LD42, LD42W, LD52W, LD41W, LD21W-F, LD42W-F, T41, T32F, SR42, SR41, SR21.OM(a), BLC(a)(b), GAP(a),G11-N.

其中的a代表00-99数字, 00-99代表产品的表面纹理。b代表000-999数字, 000-999代表客户指定。

样品接收日期: 2021年01月12日  
测试周期: 2021年01月12日 - 2021年01月18日  
测试要求: 根据客户要求测试  
测试方法: 请参见下一页  
测试结果: 请参见下一页

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## 测试报告

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日期: 2021年01月18日 第2页,共15页

测试结果:

### 测试样品描述:

样品编号	SGS样品ID	描述
SN1	SHA21-005876.001	无色透明片材

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

### 元素

测试方法: 参照US EPA 方法3052:1996测定, 采用ICP-OES进行分析.

测试项目	单位	MDL	001
锑(Sb)	mg/kg	10	ND

### 有机锡化合物

测试方法: 参考ISO 17353: 2004, 采用GC-MS进行分析.

测试项目	单位	MDL	001
二丁基锡(DBT)	mg/kg	0.02	ND

### 六溴环十二烷(HBCDD/HBCD)

测试方法: 参照US EPA 3550C: 2007, 采用GC-MS进行分析.



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测试项目	单位	MDL	001
六溴环十二烷 (HBCDD/HBCD)	mg/kg	10	ND

### 红磷

测试方法: SGS内部方法(SHTC- CHEM- SOP -342-T), 采用ICP-OES和热裂解GC-MS进行分析。

测试项目	单位	MDL	001
红磷	mg/kg	500	ND

备注:

阳性测试结果基于最坏情况考虑, 并经热裂解GC-MS确认。

### 聚氯乙烯(PVC)

测试方法: 以内定方法(SHTC-CHEM-SOP-115-T) 测定, 采用FTIR/HATR进行分析。

测试项目	CAS NO.	单位	MDL	001
聚氯乙烯(PVC)	9002-86-2	-	-	阴性

备注:

(1) 阴性=未检测到,阳性=已检测到

### 欧盟决议(EU) No 412/2012 及1907/2006/EC Reach附录XVII第61条-富马酸二甲酯(DMF)

测试方法: 溶剂萃取, 采用GC-MS进行分析。

测试项目	限值	单位	MDL	001
富马酸二甲酯(DMF)	0.1	mg/kg	0.1	ND

### 邻苯二甲酸盐(或酯)

测试方法: 参照EN 14372: 2004的方法测定, 采用GC-MS进行分析。



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测试项目	CAS NO.	单位	MDL	001
邻苯二甲酸二丁酯(DBP)	84-74-2	%	0.003	ND
邻苯二甲酸丁苄酯 (BBP)	85-68-7	%	0.003	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7	%	0.003	ND
邻苯二甲酸二异壬酯 (DINP)	28553-12-0/ 68515-48-0	%	0.01	ND
邻苯二甲酸二正辛酯 (DNOP)	117-84-0	%	0.003	ND
邻苯二甲酸二异癸酯 (DIDP)	26761-40-0 /68515-49-1	%	0.01	ND
邻苯二甲酸二甲酯 (DMP)	131-11-3	%	0.003	ND
邻苯二甲酸二乙酯 (DEP)	84-66-2	%	0.003	ND
邻苯二甲酸二异丁酯(DIBP)	84-69-5	%	0.003	ND
邻苯二甲酸二戊酯 (DnPP)	131-18-0	%	0.003	ND
邻苯二甲酸二环己酯 (DCHP)	84-61-7	%	0.003	ND
邻苯二甲酸二苯酯 (DPhP)	84-62-8	%	0.003	ND
邻苯二甲酸二苄酯(DBzP)	523-31-9	%	0.003	ND
邻苯二甲酸二异辛酯 (DiOP)	27554-26-3	%	0.01	ND
邻苯二甲酸二丙酯 (DPrP)	131-16-8	%	0.003	ND
邻苯二甲酸二壬酯 (DNP)	84-76-4	%	0.003	ND
邻苯二甲酸二正己酯(DnHP)	84-75-3	%	0.003	ND
邻苯二甲酸二(2-甲氧基乙基)酯(DMEP)	117-82-8	%	0.003	ND
邻苯二甲酸二异戊酯(DiPP)	605-50-5	%	0.003	ND
邻苯二甲酸二C6-C8支链烷基酯(DIHP)	71888-89-6	%	0.01	ND
邻苯二甲酸二(C7,C9,C11)烷基酯 (DHNUP)	68515-42-4	%	0.01	ND
1,2-苯二酸二(支链与直链)戊基酯	84777-06-0	%	0.01	ND

### 五氯苯酚 (PCP)

测试方法： 参照LFGB § 64 BVL B 82.02.08:2001 方法测定, 采用GC-MS或GC-ECD进行分析。

测试项目	单位	MDL	001
五氯苯酚	mg/kg	0.5	ND

### 全氟辛酸(PFOA)及其盐

测试方法： 参考 CEN/TS 15968： 2010方法, 采用HPLC-MS进行分析。

测试项目	CAS NO.	单位	MDL	001
全氟辛酸 (PFOA) 及其盐+	-	mg/kg	10	ND



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备注:

(1) PFOA及其盐+是指其酸/盐, 包括全氟辛酸(CAS No.: 335-67-1), 全氟辛酸钠 (CAS No.: 335-95-5), 全氟辛酸钾 (CAS No.: 2395-00-8), 全氟辛酸银 (CAS No.: 335-93-3), 全氟辛酰氟 (CAS No.: 335-66-0) 和全氟辛酸铵 (CAS No.: 3825-26-1)。

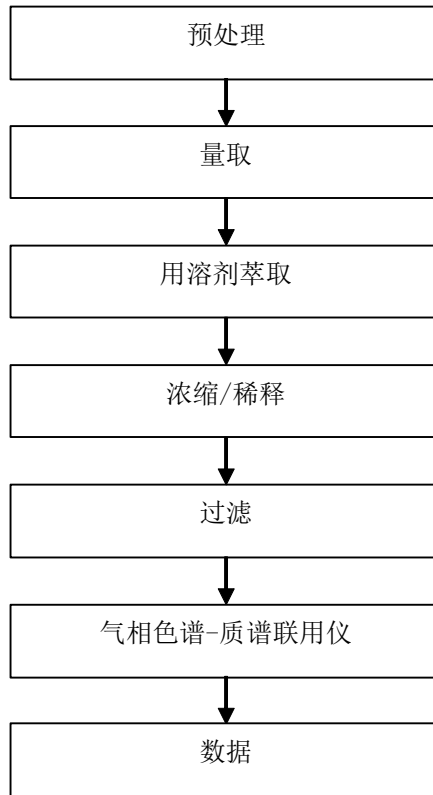
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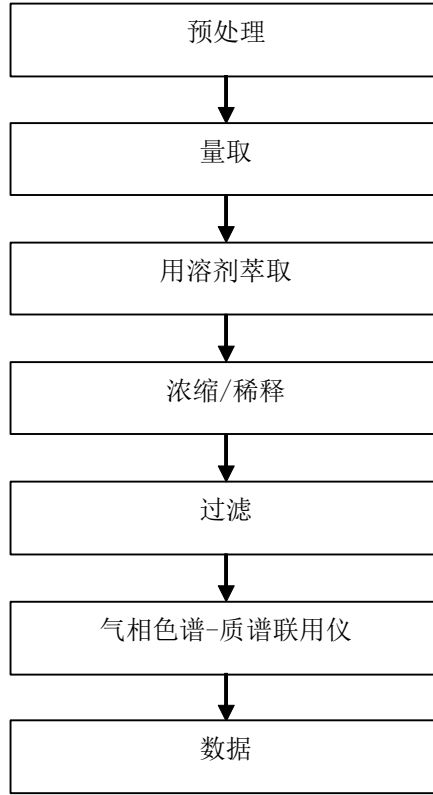
## Phthalates 测试流程图



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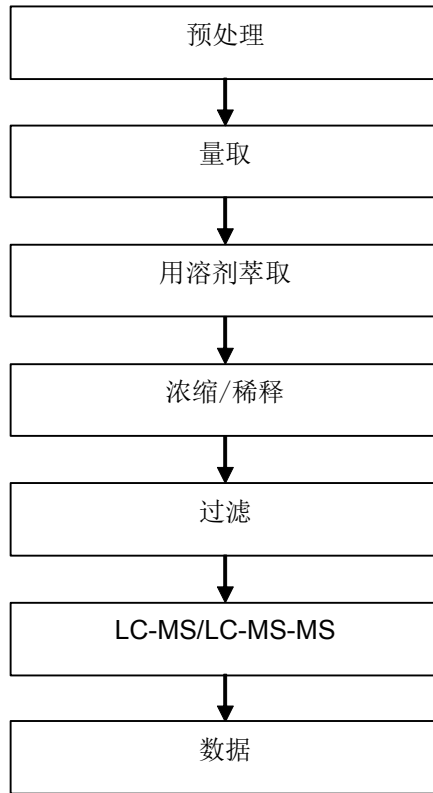
## HBCDD 测试流程图



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## PFASs/ PFOS/PFOA 测试流程图

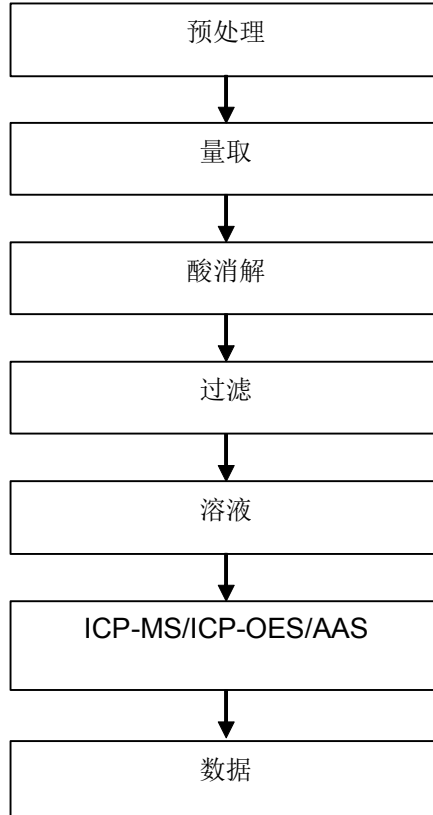


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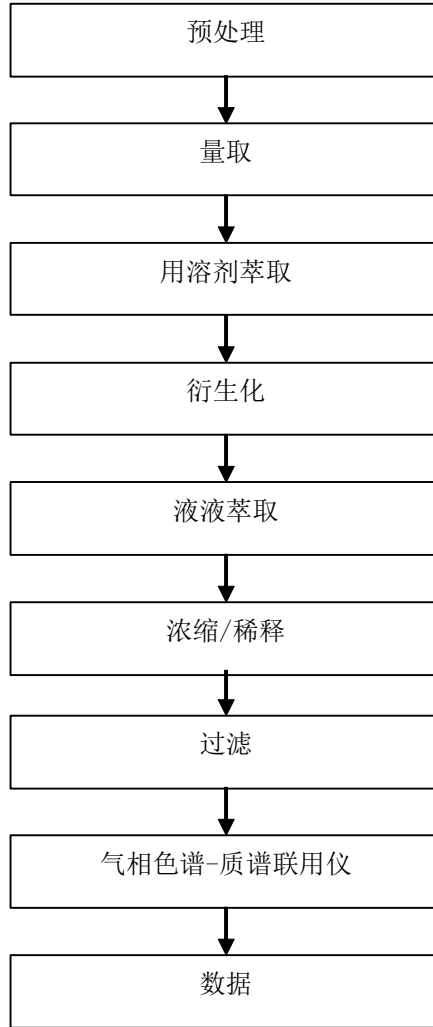
### 元素测试流程图



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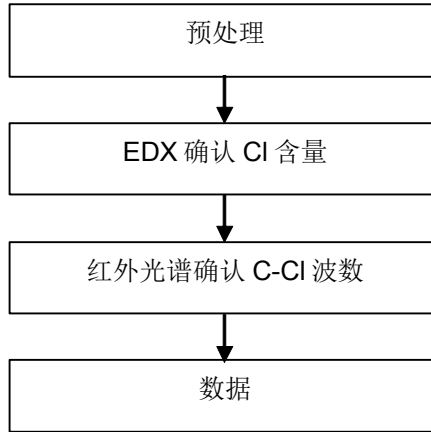
## Organotin 测试流程图



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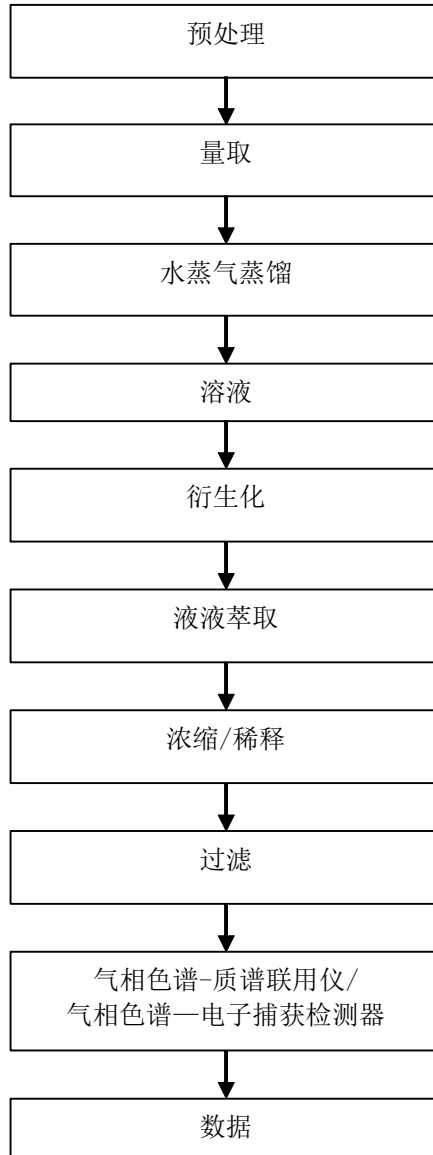
## PVC 测试流程图



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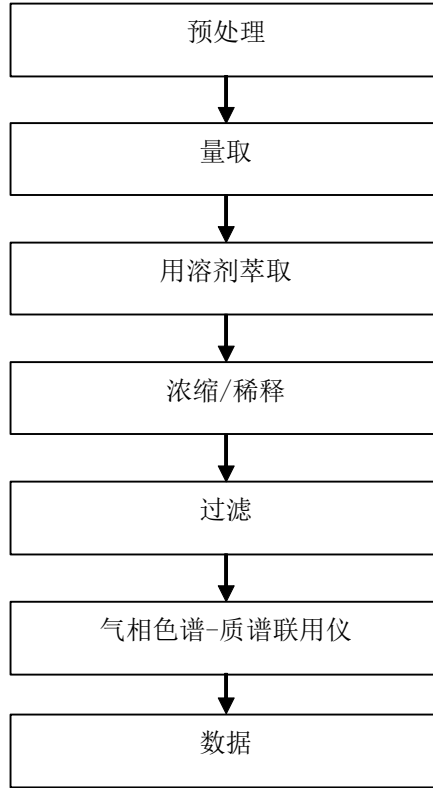
## 氯代苯酚测试流程图



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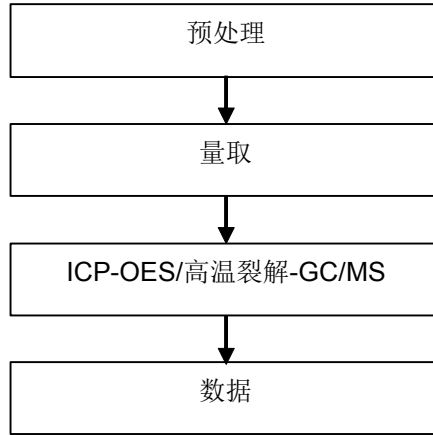
## DMF(富马酸二甲酯)测试流程图



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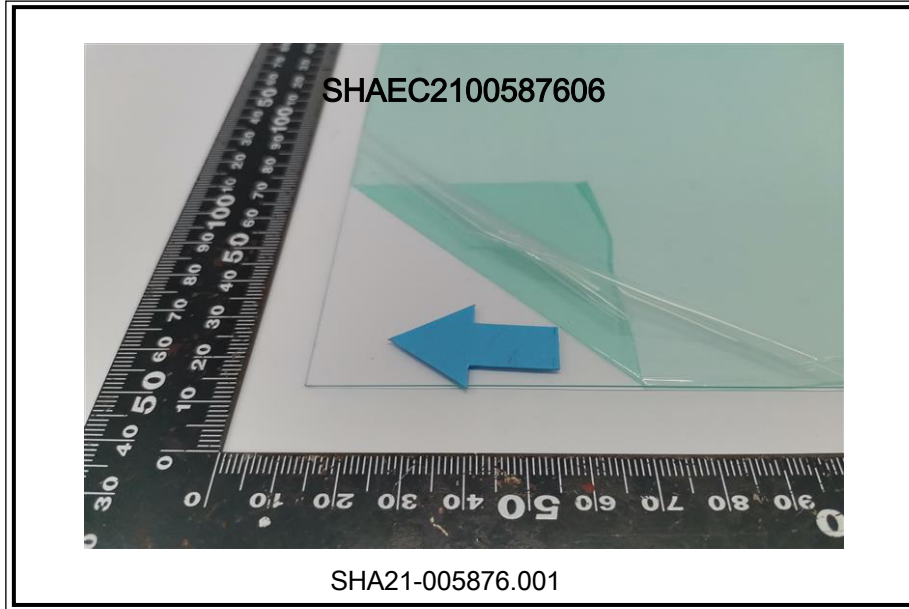
## Red Phosphorus 测试流程图



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